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	Application Number		10634062	
INFORMATION DIGGS COURT	Filing Date		2003-08-04	
INFORMATION DISCLOSURE	First Named Inventor	ventor Clive M. Philbrick		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2443	
(Not for Submission and of St K 1.00)	Examiner Name	Jerry	ry B. Dennison	
	Attorney Docket Numb	er	ALA-008G	

	U.S.PATENTS							
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1	5281963		1994-01-25	Ishikawa et al.			
	2	5588121		1996-12-24	Reddin et al.			
	3	5129093		1992-07-07	Muramatsu et al.			
	4	7016361		2006-03-21	Swonk et al.			
	5	7519699		2009-04-14	Jain			
	6	6862264	B1	2005-03-01	Moura et al.			
	7	6594261	B1	2003-07-15	Boura et al.			
	8	7337241		2008-02-26	Boucher et al.			

Application Number		10634062
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Examiner Name	Jerry	B. Dennison
Attorney Docket Numb	er	ALA-008G

9	5596574	1994-01-21	Perlman et al.	
10	5684954	1997-11-04	Kaiserwerth et al.	
11	5706514	1998-01-06	Bonola	
12	5751723	1998-05-12	Vanden Heuvel et al.	
13	5799150	1998-08-25	Hamilton et al.	
14	5819111	1998-10-06	Davies et al.	
15	5484460	1996-01-16	Schrier	
16	5878227	1999-03-02	Wade et al.	
17	5915094	1999-06-22	Kouloheris et al.	
18	5926642	1999-07-20	Favor	
19	5634127	1997-05-27	Cloud et al.	

Application Number		10634062
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First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name	Jerry	B. Dennison
Attorney Docket Numb	er	ALA-008G

				,	
20	7283522		2009-10-16	Siddabathuni, Ajoy C.	
21	5963876		1999-10-05	Manssen et al.	
22	5978844		1999-11-02	Tsuchiya et al.	
23	6233242		2001-05-15	Mayer et al.	
24	6014557		2000-01-11	Morton et al.	
25	6542504		2003-04-01	Mahler et al.	
26	7543087	B2	2009-06-02	Philbrick et al.	
27	7496689	B2	2009-02-24	Sharp et al.	
28	5935249		1999-08-10	Stern et al.	
29	6243667		2001-06-05	Kerr et al.	
30	6343345		2002-01-29	Hilla et al.	

Application Number		10634062
Filing Date		2003-08-04
First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name	Jerry	B. Dennison
Attorney Docket Numb	er	ALA-008G

31	6418169		2002-07-09	Datari	
32	7472156	B2	2008-12-30	Philbrick et al.	
33	6453406		2002-09-17	Sarnikowski et al.	
34	6483804		2002-11-19	Muller et al.	
35	5553241		1996-09-03	Shirakhar	
36	6452915		2002-09-17	Jorgensen, Jacob	
37	6683851		2004-01-27	Wilkie et al.	
38	6697366		2004-02-24	Kim	
39	6976148		2005-12-13	Arimilli et al.	
40	7047320		2006-05-16	Arimilli et al.	
41	7287092	B2	2007-10-23	Sharp	

Application Number		10634062
Filing Date		2003-08-04
First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name	Jerry	B. Dennison
Attorney Docket Numb	er	ALA-008G

42	7181531		2007-02-20	Pinkerton et al.	
43	7502869	B2	2009-03-10	Boucher et al.	
44	7461160	B2	2008-12-02	Boucher et al.	
45	7673072	B2	2010-03-02	Boucher et al.	
46	7664868	B2	2010-02-16	Boucher et al.	
47	7694024	B2	2010-04-06	Philbrick et al.	
48	7664883	B2	2010-02-16	Craft et al.	
49	7738200	B1	2010-06-15	Jones et al.	
50	7640364	B2	2009-12-29	Craft et al.	
51	7620726	B2	2009-11-17	Craft et al.	
52	7627684	B2	2009-12-01	Boucher et al.	

(Not for submission under 37 CFR 1.99)

Application Number		10634062
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First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name	Jerry	B. Dennison
Attorney Docket Numb	er	ALA-008G

	53	7627001	B2	2009-12-01	Craft et al.	
	54	7584260	B2	2009-09-01	Craft et al.	
	55	7260518		2007-08-21	Kerr et al.	
	56	5274768		1993-12-28	Traw et al.	
	57	5484455		1996-01-16	Dobbins	
	58	7073196		2006-07-04	Dowd et al.	
	59	7337241		2008-02-26	Boucher et al.	
	60	6078564		2000-06-20	Lakshman et al.	
	61	6219693		2001-04-17	Napolitano et al.	
	62	6014380		2000-01-11	Hendel et al.	
If you wis	h to add	additional U.S. Paten	t citatio	n information pl	ease click the Add button.	

U.S.PATENT APPLICATION PUBLICATIONS

Application Number		10634062
Filing Date		2003-08-04
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010037406	A1	2001-11-01	Philbrick, Clive M. et al.	
	2	20020156927	A1	2002-10-24	Boucher, Laurence B. et al.	
	3	20030014544	A1	2003-01-16	Pettey, Christopher J.	
	4	20060133386	A1	2006-06-22	McCormack et al.	
	5	20040010712	A1	2004-01-15	Hui, Man Him et al.	
	6	20040042458	A1	2004-03-04	Elzu, Uri	
	7	20040042464	A1	2004-03-04	Elzur, Uri et al.	
	8	20040049580	A1	2004-03-11	Boyd, William Todd et al.	
	9	20040049601	A1	2004-03-11	Boyd, William Todd et al.	
	10	20040210795	A1	2004-10-21	Anderson, Eric	

Application Number		10634062
Filing Date		2003-08-04
First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name Jerry		B. Dennison
Attorney Docket Numb	er	ALA-008G

11	20050060538	A1	2005-03-17	Beverly, Harlan T.
12	20060248208	A1	2006-11-02	Walbeck, Alan K. et al.
13	20070083682	A1	2007-04-12	Bartley, Gerald Keith et al.
14	20030046330	A1	2003-03-06	Hayes, John W.
15	20080043732	A1	2008-02-21	Desai, Shailendra et al.
16	20080170501	A1	2008-07-17	Patel, Alpesh et al.
17	20080209084	A1	2008-08-28	Wang, Chi-Lie et al.
18	20080240111	A1	2008-10-02	Gadelrab, Serag
19	20090063696	A1	2009-03-05	Wang, Linghsiao et al.
20	20050144300	A1	2005-06-30	Craft et al.
21	20040088262	A1	2004-05-06	Boucher et al.

Application Number		10634062
Filing Date	_	2003-08-04
First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name	Jerry	B. Dennison
Attorney Docket Number		ALA-008G

	22	20040249957	A1	2004-12	?-09	Ekis et al.				
	23	20070140240	A1	2007-06	;-21	Dally et al.				
	24	20030067903	A1	2003-04	10	Jorgensen, Jac	cob			
If you wis	h to ac	dd additional U.S. Publi	shed Ap	plication	citation	n information p	lease click the Add	d butto	on.	
				FOREIC	SN PAT	ENT DOCUM	ENTS			
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i		Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
	1	WO 2007/130476	US			2007-11-15	Alacritech, Inc.			
If you wish to add additional Foreign Patent Document citation information please click the Add button								1		
			NON	I-PATEN	1T LITE	RATURE DO	CUMENTS			
Examiner Initials*	I I I I I I I I I I I I I I I I I I I					T 5				
	1	STARR, DAVID D. et al. "Intelligent Network Storage Interface Device." The entire file wrapper for application number 09/675,700. Group Art Unit: 2457; Confirmation Number: 9585; Attorney Docket Number: ALA-010B. Filed September 29, 2000.								
	2	Processing." The entire	NCE B. et al. "Intelligent Network Interface System and Method for Accelerated Protocol tire file wrapper for application number 09/692,561. Group Art Unit: 2457; Confirmation Number et Number: ALA-002A. Filed October 18, 2000.							
	3	STARR, DARYL D et a Group Art Unit: 2451; Co								

Application Number		10634062
Filing Date	_	2003-08-04
First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name	Jerry	B. Dennison
Attorney Docket Number		ALA-008G

4	MERRITT, RICK. "Ethernet Interconnect Outpacing Infiniband at Intel." EE Times article. September 11, 2002. 9 pages.	
5	CRAFT, PETER K. et al. "TCP Offload Device that Batches Session Layer Headers to Reduce Interrupts as Well as CPU Copies." The entire file wrapper for application number 12/581,342. Group Art Unit: 2189; Confirmation Number: 2393; Attorney Docket Number: ALA-034R. Filed October 19, 2009.	
6	CRAFT, PETER K. et al. "TCP Offload Send Optimization." The entire file wrapper for application number 12/504,021. Group Art Unit: 2443; Confirmation Number: 9303; Attorney Docket Number: ALA-033R. Filed July 16, 2009.	
7	PHILBRICK, CLIVE M. et al. "Freeing Transmit Memory on a Network Interface Device Prior to Receiving an Acknowledgment That Transmit Data Has Been Received By A Remote Device." The entire file wrapper for application number 12/470,980. Group Art Unit: 2447; Confirmation Number: 4934; Attorney Docket Number: ALA-023A. Filed May 22, 2009.	
8	STARR, DARYL D. et al. "Accelerating Data Transfer in a Virtual Computer System with Tightly Coupled TCP Connections." The entire file wrapper for application number 12/410,366. Group Art Unit: 2194; Confirmation Number: 3065; Attorney Docket Number: ALA-032R. Filed March 24, 2009.	
9	BOUCHER, LAURENCE B. et al. "Obtaining A Destination Address So That A Network Interface Device Can Write Network Data Without Headers Directly Into Host Memory." The entire file wrapper for application number 12/325,941. Group Art Unit: 2451; Confirmation Number: 2493; Attorney Docket Number: ALA-013B. Filed December 1, 2008.	
10	BOUCHER, LAURENCE B. et al. "Enabling An Enhanced Function Of An Electronic Device." The entire file wrapper for application number 11/985,948. Group Art Unit: 3685; Confirmation Number: 9878; Attorney Docket Number: ALA-022A. Filed November 19, 2007.	
11	STARR, DARYL D. et al. "Network Interface Device With 10 Gb/s Full-Duplex Transfer Rate." The entire file wrapper for application number 11/799,720. Group Art Unit: 2184; Confirmation Number: 6200; Attorney Docket Number: ALA-102. Filed May 1, 2007.	
12	CRAFT, PETER K. et al. "Peripheral Device That DMAS The Same Data To Different Locations In A Computer." The entire file wrapper for application number 11/788,719. Group Art Unit: 2465; Confirmation Number: 5750; Attorney Docket Number: ALA-031. Filed April 19, 2007.	
13	BOUCHER, LAURENCE B. et al. "TCP/IP Offload Network Interface Device." The entire file wrapper for application number 11/701,705. Group Art Unit: 2443; Confirmation Number: 7450; Attorney Docket Number: ALA-009D. Filed February 2, 2007.	
14	STARR, DARYL D. et al. "TCP/IP Offload Device With Reduced Sequential Processing." The entire file wrapper for application number 11/348,810. Group Art Unit: 2452; Confirmation Number: 8739; Attorney Docket Number: ALA-026A. Filed February 6, 2006.	

Application Number		10634062
Filing Date		2003-08-04
First Named Inventor	Clive	M. Philbrick
Art Unit		2443
Examiner Name	Jerry	B. Dennison
Attorney Docket Number		ALA-008G

15	CRAFT, PETER K. et al. "Transferring Control of TCP Connections Between Hierarchy of Processing Mechanisms." The entire file wrapper for application number 11/249,006. Group Art Unit: 2462; Confirmation Number: 3046; Attorney Docket Number: ALA-029. Filed October 11, 2005.						
16	BOUCHER, LAURENCE B. et al. "Network Interface Device That Can Transfer Control Of A TCP Connection To A Host CPU." The entire file wrapper for application number 11/029,863. Group Art Unit: 2443; Confirmation Number: 6345; Attorney Docket Number: ALA-008I. Filed January 4, 2005.						
17	CRAFT, PETER K. et al. "Protocol Stack That Offloads A TCP Connection From A Host Computer To A Network Interface Device." The entire file wrapper for application number 11/027,842. Group Art Unit: 2444; Confirmation Number: 6231; Attorney Docket Number: ALA-007F. Filed December 30, 2004.						
18	CRAFT, PETER K. et al. "Protocol Stack That Offloads A TCP Connection From A Host Computer To A Network Interface Device." The entire file wrapper for application number 11/016,642. Group Art Unit: 2444; Confirmation Number: 2157; Attorney Docket Number: ALA-007E. Filed December 16, 2004.						
19	BOUCHER, LAURENCE B. et al. "Method and Apparatus For Dynamic Packet Batching With A High Performance Network Interface." The entire file wrapper for application number 10/678,336. Group Art Unit: 2462; Confirmation Number: 9798; Attorney Docket Number: ALA-008H. Filed October 3, 2003.						
20	PHILBRICK CLIVE M. et al. "Method And Apparatus For Data Re-Assembly With A High Performance Network Interface." The entire file wrapper for application number 10/634,062. Group Art Unit: 2443; Confirmation Number: 5537; Attorney Docket Number: ALA-008G. Filed August 4, 2003.						
21	BOUCHER, LAURENCE B. et al. "High Network Interface Device And System For Accelerated Communication." The entire file wrapper for 10/601,237. Group Art Unit: 2443; Confirmation Number: 9286; Attorney Docket Number: ALA-008F. Filed June 19, 2003.						
22	BOUCHER, LAURENCE B. et al. "Method And Apparatus For Distributing Network Traffic Processing On A Multiprocessor Computer." The entire file wrapper for 10/438,719. Group Art Unit: 2444; Confirmation Number: 7151; Attorney Docket Number: ALA-008E. Filed May 14, 2003.						
23	BOUCHER, LAURENCE B. et al. "Parsing A Packet Header." The entire file wrapper for 10/277,604. Group Art Unit: 2457; Confirmation Number: 7644; Attorney Docket Number: ALA-008B. Filed October 18, 2002.						
24	CHANDRANMENON, GIRISH P. "Trading Packet Headers for Packet Processing." IEEE/ACM Transaction on Networking. Volume 4, Number 2. April 1996. Pages 141-152.						
If you wish to add additional non-patent literature document citation information please click the Add button							

(Not for submission under 37 CFR 1.99)

Application Number		10634062
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